



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chu-Wen Yang et al

Art Unit : 1645

Filed

Serial No.: 10/051,409

Examiner: Unknown

Title

: January 18, 2002

: CELL CYCLE REGULATOR PROTEIN

Commissioner for Patents Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Applicants submit the documents listed on the attached form PTO-1449, a copy of which is enclosed.

This statement is being filed before the receipt of a first Office action on the merits.

Please apply any charges to Deposit Account No. 06-1050, referencing 12005-003001.

Respectfully submitted,

1-30-02

Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804

Telephone: (617) 542-5070 Facsimile: (617) 542-8906

20424147.doc

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature

Deborah R. Nast

Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449

Desig.

ID

AB

U.S. Department of Commerce Patent and Trademark Office

Issue Date

Attorney's Docket No. 12005-003001

Patentee

Application No. 10/051,409

**Information Disclosure Statement** by Applicant

Patent

Number

(Use several sheets if necessary)

Applicant Chu-Wen Yang et al

Filing Date

Group Art Unit 1645

Subclass

If Appropriate

(37 CFR §1.98(b))

Examiner

Initial

January 18, 2002

PECEIVED

Joint 406 0 8 2002

TECH CENTER 1600/2900 **U.S. Patent Documents** Filing Date

Class

	AA						
	Foreig	n Patent Doc	uments or Pi	ublished Foreign	Patent A	Application	ns
Examiner	Desig.	Document	Publication	Country or			Translation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Ves No

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document				
	AC	F. Xavier Bosch, et al. <i>Epidemiology of Primary Liver Cancer</i> . Seminars in Liver Disease, 19(3):271-285, 1999.				
	AD	Mark A. Feitelson, et al. Hepatitis B Virus x Antigen in the Pathogenesis of Chronic Infections and the Development of Hepatocellular Carcinoma. American Journal of Pathology 150(4):1141-1157, April 1997.				
	AE	Nathalie Boyer, et al. <i>Pathogenesis, diagnosis and management of hepatitis C.</i> Journal of Hepatology 32(Supp 1):98-112, 2000.				
	AF	Kunio Okuda. Hepatocellular carcinoma. Journal of Hepatology 32(Supp 1):225-237, 2000.				
	AG	Qin Su, et al. Human hepatic preneoplasia: phenotypes and proliferation kinetics of foci and nodules of altered hepatocytes and their relationship to liver cell dysplasia. Virchows Arch 431:391-406, 1997.				
	АН	Ann-Ping Tsou, et al. Parallel Hybridization Analysis of Multiple Protein Kinase Genes: Identification of Gene Expression Patterns Characteristic of Human Hepatocellular Carcinoma. Genomics 50:331-340, 1998.				
	AI	Tracy L. Ferea, et al. <i>Observing the living genome</i> . Genetics & Development, 9:715-722, 1999.				
	AJ	David J. Duggan, et al. Expression profiling using cDNA microarrays. Nature Genetics Supplemen 21:10-14, 1999.				
	AK	Ash A. Alızadeh, et al. Distinct types of diffuse large B-cell lymphoma identified by gene expression profiling. Nature 403:503-511, February 2000.				
	AL	Charles M. Perou, et al. <i>Molecular portraits of human breast tumours</i> . Nature 406:747-752, Augus 2000.				
	AM	Hiroshi Okabe, et al. Genome-Wide Analysis Of Gene Expression In Human Hepatocellular Carcinomas Using cDNA Microarray Identification Of Genes Involved In Viral Carcinogenesis And Tumor Progression. Cancer Research 61:2129-2137, March 1, 2001.				
	AN	Douglas T. Ross, et al. Systematic variation in gene expression patterns in human cancer cell lines. Nature Genetics 24:227-235, March 2000.				
	AO	Daniel P. Cahill, et al. <i>Mutations of mitotic checkpoint genes in human cancers</i> . Nature 392: 300-306, March 1998.				
	AP	Kunihiro Tsukasaki, et al. <i>Mutations in the mitotic check point gene, MAD1L1, in human cancers.</i> Oncogene 20:1301-1305, 2001.				

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with

Substitute Rorm PTO-1449

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 12005-003001

Application No. 10/051,409

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Chu-Wen Yang et al

Filing Date

Group Art Unit

(37 CFR §1.98(b))

AUG 0 5 2002

January 18, 2002 1645

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document				
	AQ	Takao Takahashi, et al. <i>Identification of frequent impairment of the mitotic checkpoint and molecular analysis of the mitotic checkpoint genes, hsMAD2 and p55CDC, in human lung cancers.</i> Oncogene 18:4295-4300, 1999.				
	AR	Vishwanath R. Iyer, et al. <i>The Transcriptinal Program in the Response of Human Fibroblasts to Serum.</i> Science 283–83-87, January 1999.				
	AS	Geopfert, T.M. et al. <i>The centrosome-associated Aurora/Ipl-like kinase family (Abstract Only)</i> . Current Topics in Developmental Biology 49:331-342, 2000.				
	AT	Drew E. Cressman, et al. Liver Failure and Defective Hepatocyte Regeneration in Interleukin-6-Deficient Mice. Science 274:1379-1383, November 1996.				
	AU	Raymond J. Cho, et al. <i>Transcriptional regulation and function during the human cell cycle</i> . Nature Genetics 27: 48-54, January 2001.				
	AV	Nelson Fausto. Liver regeneration. Journal of Hepatology 32(Supp 1):19-31, 2000.				
	AW	George K. Michalopoulos, et al. Liver Regeneration. Science 276:60-65, April 1997.				
	AX	Dawn C. Farruggio, et al. <i>Cdc20 associates with the kinase aurora2/Aik.</i> Proc. Natl. Acad. Sci. USA 96:7306-7311, June 1999.				
	AY	Wolfgang Zachariae, et al. Whose end is destruction cell division and the anaphase-promoting complex. Genes & Development 13:2039-2058, 1999.				
	AZ	Masafumi Menjo, et al. Regulation of $G_1$ cyclin-dependent kinases in liver regeneration. Journal of Gastroenterology and Hepatology 13 (Supp 1):S100-S105, 1998.				
	AAA	Linda K. Hansen, et al. Regulation of the hepatocyte cell cycle by type 1 collagen matrix: role of cyclin D1. Journal of Cell Science 112:2971-2981, 1999.				
	ABB	Jeffrey H. Albrecht, et al. Cyclin D1 Promotes Mitogen-independent Cell Cycle Progression in Hepatocytes. Cell Growth & Differentiation 10:397-404, June 1999.				
	ACC	Christopher J. Nelson, et al. <i>Induction of heptocyte proliferation and liver hyperplasia by the targeted expression of cyclin E and skp2</i> . Oncogene 20:1825-1831, 2001.				
	ADD	Hua Wu, et al. Targeted in vivo expression of the cyclin-dependent kinase inhibitor p21 halts hepatocyte cell-cycle progression, postnatal liver development and regeneration. Genes & Development 10:245-260, 1996.				
	AEE	Sahar Bassal, et al. Characterization of a Novel Human Cell-Cycle-Regulated Homologue of Drosophila dlg1. Genomics 77(1-2):5-7, September 2001.				

RECEIVED

AUG 0 8 2002

TECH CENTER 1600/2900

Examiner Signature Date Considered